

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [0054] on page 20, with the following amended paragraph:

**[0054]** The fluorescent substance includes, for example, a substance usually used in fluorescent immunoassay such as fluorescein, dansyl, fluorescamine, coumarin, naphthylamine, fluorescein isothiocyanate, rhodamine, ~~rhodamine-X isothiocyanate~~ rhodamine-X, sulforhodamine 101, lucifer yellow, acridine, acridine isothiocyanate, riboflavin or derivatives thereof and europium (Eu), etc.

Please replace paragraph [0068] on page 25, with the following amended paragraph:

**[0068]** The objective components which can be measured by the method of the present invention are not particularly limited and any component can be measured as long as it has reactivity to produce luminescence, fluorescence, phosphorescence or absorption of light corresponding to the amount of the objective component to be measured [an objective component may participate in main reaction of the reaction either directly or secondarily (indirectly)], and which can be measured by spectrophotometry according to the generated light. Such component includes, for example, environmental hormone such as estrogen and bisphenol-A; tumor markers such as  ~~$\alpha$ -protein~~  $\alpha$ -fetoprotein (AFP), CA19-9, a prostate-specific antigen (PSA) and a carcinoembryonic antigen (CEA); serum proteins such as immunoglobulin A (IgA), immunoglobulin E (IgE), immunoglobulin G (IgG), immunoglobulin M (IgM),  $\beta_2$ -microglobulin and albumin; enzymes such as amylase and alkaline phosphatase; in vivo substances such as cholesterol, triglyceride, creatinine and uric acid; drugs such as steroids, acetaminophens and digoxin compounds; non-peptide hormone such as estradiol and prolactins; DNA measuring reagents such as oligonucleotides complementary to nucleic acid components derived from various microorganisms, mycoplasmas and various viruses.

Please replace the paragraph beginning at page 36, line 23, with the following amended paragraph:

Also, the result (Pattern 1) obtained by measuring luminescence using the measuring instrument on which an anti-static tape is not attached is determined as control. Also, “versus Control” (%) is shown as a ratio of the average of the signal values obtained by measuring luminescence using measuring instrument of each pattern, to the average of the signal value of control.

Please replace Table 4 [0095] on page 39, with the following amended Table 4:

**[0095]** [Table 4]

Aluminum Foil at the undersuface of photometry chamber				
		without	without	with
Anti-static [[Sheet]] <u>Tape</u> on photometric chamber				
		without	with	without
Number of Measurement	1	6,733	3,192	8,408
	2	6,608	3,282	7,591
	3	6,321	3,230	7,681
	4	6,980	2,740	7,342
	5	7,105	3,744	7,754
Average		<b>6,749</b>	<b>3,238</b>	<b>7,755</b>
versus Control		100%	48%	115%

Please replace the paragraph [0096] on page 39, with the following amended paragraph:

**[0096]** As is clear from Table 4, background value can not be suppressed even though the electric charge of the reagent cartridge is removed by setting the aluminum foil at the undersurface of the photometry chamber (The value of versus Control is high.). From this result, it becomes clear that electrostatic charge of the reagent cartridge does not affect on the increase of background value. That is, it is understood from the result that background value cannot be suppressed even though the grounding is set in the photometry chamber. The other hand, background value can be

suppressed by attaching an anti-static [[sheet]] tape in the photometry chamber even without grounding.

Please replace the paragraph beginning at page 40, line 26, with the following amended paragraph:

Results are shown in Table 5 (Unit: cps). In Table [[3]] 5, control means a result obtained by measuring luminescence under the condition without blowing air (Countermeasure for preventing the influence of the electric charge is not provided.).

Please replace the paragraph beginning at page 42, line 12, with the following amended paragraph:

Results are shown in Table 6 (Unit: cps). In Table [[4]] 6, “Control” means a result obtained by measuring luminescence by using measuring instrument without a neutralization apparatus (Countermeasure for preventing the influence of the electric charge is not provided.). Also, “versus Control” (%) is shown as a ratio of the average of signal values obtained by the measuring luminescence using the measuring instrument with neutralization apparatus is installed therein, to the average of the signal value of control.

Please add the following paragraph on page 45, line 5:

In Table 7, “S/N” means the ratio of “a value obtained by measuring the luminescence of the sample containing each concentration of TSH” to “a value obtained by measuring the luminescence of the sample which does not contain TSH by the same method as described above.

Please amend Table 7 [0109] on page 46:

[0109] [Table 7]

Sample ( $\mu$ IU/mL)	Without Preventing Method			Preventing Method a			Preventing Method b		
	Data	Average	S/N	Data	Average	S/N	Data	Average	S/N
0	17,745	17,868	1.00	6,434	6,424	1.00	5,479	5,530	1.00
0.01	17,991			6,413			5,580		
	19,589			9,185			8,535		
	19,607	19,598	1.10	9,051	9,118	1.42	8,563	8,549	1.55
0.1	54,249			44,794			43,022		
	51,188	52,719	2.95	43,292	44,043	6.86	43,822	43,422	7.85
[[25]]	1,341,577			1,404,537			1,384,086		
2.5	1,398,990	1,370,284	76.69	1,314,811	1,359,674	211.67	1,320,636	1,352,361	244.57
10	5,569,448			5,387,652			5,594,896		
	5,286,842	5,428,145	303.79	5,235,523	5,311,588	826.90	5,291,060	5,442,978	984.35
100	31,232,604			29,786,674			29,248,316		
	33,460,552	32,346,578	1,810.31	31,718,816	30,752,745	4,787.54	31,863,476	30,555,896	5,525.98

Please replace the paragraph [0118] on page 49, with the following amended paragraph:

**[0118]** The measurement was carried out by using an instrument attached the anti-static tapes transversely on four inside wall surfaces of a photometry chamber (with charge removal countermeasure), similarly as in Example 1, and an instrument without attachment of the anti-static tape (without charge removal countermeasure).

Please amend Table 9 [0120] on page 50:

**[0120]** [Table 9]

	without Charge Removal Countermeasure		with Charge Removal Countermeasure	
	TSH	TSH	TSH	TSH
	0.02 $\mu$ IU/mL	0.1 $\mu$ IU/mL	0.02 $\mu$ IU/mL	0.1 $\mu$ IU/mL
1	24,455	53,054	13,961	42,452
2	20,696	52,343	13,336	43,237
3	21,923	50,918	13,425	41,334
4	22,856	48,184	13,865	42,534
5	22,235	55,788	12,672	42,755
6	18,807	49,932	13,209	40,838
7	20,656	52,404	13,084	40,881
8	20,415	50,944	12,949	41,640
9	18,677	48,801	13,666	40,581
10	17,709	51,214	13,868	42,243
Average Value	20,843	51,358	13,404	42,880
SD Value	2,084	2,201	434	946
CV Value	10.0%	4.3%	3.2%	2.3%

Please amend Table 12 [0136] on page 56:

**[0136]** [Table 12]

Anti-static [[Sheet]]Tape on Photometry Chamber		without	without	with	with
Silicon Oil Film		without	with	without	with
Number of Measurement	1	1,765	802	1,615	673
	2	2,691	855	1,791	751
	3	2,097	864	1,467	783
	4	2,883	987	1,600	929
	5	3,733	1,037	2,175	824
Average		<b>2,634</b>	<b>909</b>	<b>1,730</b>	<b>792</b>
versus Control		100%	35%	66%	30%